The new fertilizer technology
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Dear partners and friends,

On December 21st, 2007 the company AGROsolution was founded in one of the most dynamic fields: **Agriculture and Food**. From A as in America to Z as in Zambia, the worldwide interest for our “new fertilizer technology” is enormous.

AGROsolution is already active in more than 40 countries and is one of the most innovative products in the agri-food sector.

Much is expected from modern agriculture: yield increase, quality improvement, healthy plant growth as well as conserving resources are the top priorities in the ever expanding agricultural industry. AGROSOLution is designed to address exactly these challenges in a new and sustainable way.

Global test results and long-term studies by leading institutes continue to confirm the “AGROSOLution – effect.”

In Germany and Austria, AGROSOLution is already firmly established, being actively sold and recommended by the leading wholesalers.

AGROSOLution promotes balanced plant nutrition.

We invite you to actively take advantage of this development.

Peter Huemer-Hartl

Stefan Stassen
Convincing ARGUMENTS

- More yield and better quality
- Healthier and more vital plants
- Increased stress resistance by dry and wet stress
- Improved Nitrogen utilization
- Protects the environment – 100% natural product

What is AGROSOLution?

It is Natural Growing Power derived from natural minerals and without any chemical additives! (Bio Austria certified and Fibl listed)

AGROSOLution was developed to enable and promote healthy plant growth.

Sub-optimum nutrient absorption by plant and receding water levels are key problems in almost every agricultural area today. Ever more fertilizer is brought out and irrigation is becoming more and more common to ensure growth and yield can be sustained. These two major challenges to profitable production can be addressed by one single (and simple) product: AGROSOLution.

The main challenges (nutrient absorption and increasing scarcity of water) are well known. Largely unknown (especially on the open field cultivation), is CO₂ fertilization. For optimal growth to occur, plants require a specific CO₂ budget. To allow for optimum photosynthesis, a CO₂ concentration of 0.1% to 1.0% by volume is required. Atmospheric CO₂ concentration is at 0.03% by volume, this is why plants function below their optimum.

The plant is literally struggling for air.

This is where AGROSOLution comes into play.
AGROSOLution is mixed with water and is applied to the leaf surface via a fine spray mist. Since the discharge of CO₂ takes place inside the leaf, this CO₂ production does not generate a burden for the environment.

In fact, quite the opposite is true: the plant converts the CO₂ into glucose and proteins, discharges higher amounts of oxygen, and thus contributes toward the “green lung” effect.

Once AGROSOLution has been sprayed as a fine mist to the leaf surface, it enters the plant via the stomata. The minerals release CO₂ inside the plant. This boosts the production of glucose and proteins and in turn, increases the amount of oxygen discharged into the environment.
AGROSOLution’s advantages

> BETTER STRESS TOLERANCE
  (BY DRY AND WET STRESS)
  The drier the area, the greater the effect: Trials have shown that especially in dry cultivation zones AGROSOLution’s effectiveness is exceptional. AGROSOLution provides the inside of the plant with increased amounts of carbon dioxide. Therefore, the plants respiration is alleviated and, as a result, less water is lost via evaporation. Depending on the type of crop, AGROSOLution helped accomplish water savings of up to 50% and the plants exhibited a markedly higher drought resistance.

> INCREASED YIELD
  Depending on crop and vegetation, enormous increases in yield were observed. Could this have an adverse impact on the price levels of agricultural produce? Absolutely not, as according to the most recent study of the Food and Agriculture Organization (FAO) we are not facing overproduction, but a situation where there is not enough food for all. Thus, a greater yield secures the provision of the global population with sufficient quantities of food and increases the contribution margin per acre. What is more, such increase in yield will not compromise quality. Rather, all trials confirmed that the quality remained the same or, in many cases, was even improved.

> INCREASED INTENSITY OF GREEN COLORING
  (CHLOROPHYLL)
  Depending on the respective crop, AGROSOLution boosts photosynthesis output by up to 40%. A higher photosynthesis output means that more oxygen is produced.

> INTENSIFIED ROOT GROWTH
  Thanks to AGROSOLution, roots grow deeper, finer, and wider. This helps the plant to better extract nutrients from the soil and utilize them for a healthier growth. In trials, also the following positive characteristics were observed:

> IMPROVED PH VALUE OF THE PLANT RESULTING IN A
  BETTER UTILIZATION OF FERTILIZERS

> IMPROVED QUALITY OF THE PRODUCE

> IMPROVED STORAGE LIFE OF THE PRODUCE
Application

AGROSOLution is mixed with no less than 10 USG/acre and applied to the leaf surface in a fine mist. We recommend droplet size of FINE/MEDIUM (desired VDM 150 - 300) for application of the product. Pressure settings should be between 45 - 60 Psi.

When mixing AGROSOLution in the tank, the product should be added slow and evenly. For best mixing results, the agitator should be kept running at all times.

Dosage

The application rates vary for each crop. Detailed rates can be found in the following culture descriptions, the application chart or under www.agrosolution.ca

Information for Use and Safety

Be sure to apply AGROSOLution only if the weather is right, as AGROSOLution takes about 2 - 4 hrs (depending on the crop) to be absorbed by the plant. Just apply a fine layer to the plants leaves. Whenever possible, apply AGROSOLution in the morning or evening.

Rinse the spraying equipment thoroughly after use to prevent any sedimentation of the material.

AGROSOLution can be combined with most commercial fertilizers and pesticides. When working with AGROSOLution make sure not to inhale the spray mist. Store the product out of reach of children and pets in a dry and cool place.

NOTE:

We recommend that a surfactant is used with every application!
(Unless already present in another product)
CEREALS

ADVANTAGES

• Intensified root growth
• Better hair root development
• Stronger and more vigorous plant growth
• Increased yield
• Improved quality
• Increased stress tolerance - dry and wet stress
• Improved hibernation and less susceptible to frost
  (with autumn application)

FIELD RESULTS

The quoted figures represent the cumulated average results obtained from over 1000 companies. The results below were derived from a cross section of various cereal types.

Yield Increase: +18.4 %
Increase in Protein: +1.1 %
Rise in TGW: +3.7 %

(with AGROSolution)  (without AGROSolution)
APPLICATION RATE

Winter cereals

<table>
<thead>
<tr>
<th>1st Application (Autumn)</th>
<th>2nd Application (Spring)</th>
<th>3rd Application</th>
<th>4th Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>acc. BBCH Scale 13 - 16 or leaf development stage 3 - 6</td>
<td>from vegetative development</td>
<td>×</td>
<td>×</td>
</tr>
<tr>
<td>2 kg/ha (1.8 Lb/Acre)</td>
<td>3.5 kg/ha (3.1 Lb/Acre)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

An application rate of 5.5 kg (4.9 lbs), distributed over 3 applications, can further improve the desired effectiveness.

1st Appl.: 2 kg/ha (1.8 Lb/Acre) (acc. BBCH Scale 13 - 16 or leaf development stage 3 - 6)
2nd Appl.: 1.5 kg/ha (1.3 Lb/Acre) (from vegetative development)
3rd Appl.: 2 kg/ha (1.8 Lb/Acre) (approx. 14 days after last application)

If there was no autumn application possible, then the same effect can be achieved with 2 spring applications >>>

<table>
<thead>
<tr>
<th>1st Application (Spring)</th>
<th>2nd Application</th>
<th>3rd Application</th>
<th>4th Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>from vegetative development</td>
<td>approx. 14 days after 1st application</td>
<td>×</td>
<td>×</td>
</tr>
<tr>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

An application rate of 6 kg, distributed over 3 applications, can further improve the desired effectiveness.

1st Appl.: 2 kg/ha (1.8 Lb/Acre) (from vegetative development)
2nd Appl.: 2 kg/ha (1.8 Lb/Acre) (approx. 14 days after 1st application)
3rd Appl.: 2 kg/ha (1.8 Lb/Acre) (approx. 14 days after last application)

Summer cereals

<table>
<thead>
<tr>
<th>1st Application</th>
<th>2nd Application</th>
<th>3rd Application</th>
<th>4th Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>acc. BBCH Scale 13 - 15 or leaf development stage 3 - 6</td>
<td>approx. 14 days after 1st application</td>
<td>×</td>
<td>×</td>
</tr>
<tr>
<td>2 kg/ha (1.8 Lb/Acre)</td>
<td>3.5 kg/ha (3.1 Lb/Acre)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

An application rate of 6 kg (5.4 lbs), distributed over 3 applications, can further improve the desired effectiveness.

1st Appl.: 2 kg/ha (1.8 Lb/Acre) (acc. BBCH Scale 13 - 16 or leaf development stage 3 - 6)
2nd Appl.: 2 kg/ha (1.8 Lb/Acre) (approx. 14 days after 1st appl.)
3rd Appl.: 2 kg/ha (1.8 Lb/Acre) (approx. 14 days after last application)
CORN

ADVANTAGES

• Intensified root growth
• Better hair root development
• Stronger and more vigorous plant growth
• Better cob development
• Increased yield
• Improved quality, higher NEL and MJ values
• Increased stress tolerance - dry and wet stress

FIELD RESULTS

The quoted figures represent the cumulated average results obtained from over 1000 companies.

Yield increase in grain corn  +12.5 %
Yield increase in silage corn  +14.0 %
Reduction in moisture  -2.0 %

with AGROSOLution  
without AGROSOLution

Photo: AGROSOLution
APPLICATION RATE

Corn

<table>
<thead>
<tr>
<th>1st Application</th>
<th>2nd Application</th>
<th>3rd Application</th>
<th>4th Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>acc. BBCH Scale 13 - 15</td>
<td>approx. 14 days</td>
<td>3.5 kg/ha (3.1 Lb/Acre)</td>
<td>x</td>
</tr>
<tr>
<td>2 kg/ha (1.8 Lb/Acre)</td>
<td>after 1st application</td>
<td></td>
<td>x</td>
</tr>
</tbody>
</table>

An application rate of 6 kg (5.4 lbs), distributed over 3 applications, can further improve the desired effectiveness.

1st Appl.: 2 kg/ha (1.8 Lb/Acre) (acc. BBCH Scale 13 - 15 or leaf development stage 3 - 5)
2nd Appl.: 2 kg/ha (1.8 Lb/Acre) (approx. 14 days after 1st appl.)
3rd Appl.: 2 kg/ha (1.8 Lb/Acre) (approx. 14 days after last application)
POTATOES

ADVANTAGES

• Intensified root growth
• Better hair root development
• Stronger and more vigorous plant growth
• By earlier first application, more tuber development.
• Increased yield
• Improved quality
• Increased stress tolerance - dry and wet stress

FIELD RESULTS

The quoted figures represent the cumulated average results obtained from over 1000 companies.

Yield Increase +18.5 %
Increase in starch +0.9 %
APPLICATION RATE

Seed, table & starch potatoes

<table>
<thead>
<tr>
<th>Application</th>
<th>1st Application</th>
<th>2nd Application</th>
<th>3rd Application</th>
<th>4th Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>acc. BBCH Scale 20, approx. 10 - 15 cm plant height</td>
<td>2 kg/ha (1.8 Lb/Acre)</td>
<td>approx. 14 days after 1st application</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>approx. 14 days after last application</td>
</tr>
<tr>
<td>acc. BBCH Scale 40 after Final series</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>approx. 14 days after 1st application</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>approx. 14 days after last application</td>
</tr>
<tr>
<td>2 kg/ha (1.8 Lb/Acre)</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>approx. 14 days after last application</td>
<td>2 kg/ha (1.8 Lb/Acre)</td>
<td></td>
</tr>
</tbody>
</table>

Industrial table potatoes*

<table>
<thead>
<tr>
<th>Application</th>
<th>1st Application</th>
<th>2nd Application</th>
<th>3rd Application</th>
<th>4th Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>acc. BBCH Scale 40 after Final series</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>approx. 14 days after 1st application</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>approx. 14 days after last application</td>
</tr>
<tr>
<td>2 kg/ha (1.8 Lb/Acre)</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>approx. 14 days after last application</td>
<td>2 kg/ha (1.8 Lb/Acre)</td>
<td></td>
</tr>
</tbody>
</table>

* Largest possible potatoes without increase in number of tubers

with AGROSOLution

without AGROSOLution

Photo: AGROSOLution
CANOLA

ADVANTAGES
• Intensified root growth and development
• Dense branching
• Stronger and more resilient plant
• Increased yield
• Increased stress tolerance - dry and wet stress
• Improved hibernation, less susceptible to frost (with autumn application)

FIELD RESULTS
The quoted figures represent the cumulated average results obtained from over 1000 companies.

Yield Increase: +16.5 %
APPLICATION RATE

Canola

<table>
<thead>
<tr>
<th>1st Application (Spring)</th>
<th>2nd Application</th>
<th>3rd Application</th>
<th>4th Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>acc. BBCH Scale 13 - 15 or leaf development stage 2 - 4</td>
<td>approx. 14 days after 1st application</td>
<td>×</td>
<td>×</td>
</tr>
<tr>
<td>2.5 kg/ha (2.2 Lb/Acre)</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

TESTIMONIALS

From Mr Alfred Weintoeogl, Wenjapons (AUT)
“The part of the canola field treated with AGROSOLution showed a significantly more vital growth and increased pod coverage. The harvest showed an increase of 13 bu/acre.”

From Mr Roland Schoessler, Irmenach (GER)
“Since my initial canola cultivation, I have found AGROSOLution treated canola as being unique”.

From Mr Herbert Theurer, Modsiedl (AUT)
“I was already convinced of AGROSOLution’s functionality from last year’s results, yet I still managed to further increase my yield this year by well over 10 bu/acre.”

From Mr Gerald Neuhauser, Erzbistum Obersiebenbrunn (AUT)
“This year, we applied AGROSOLution 3 times to approx. 20% of our canola fields. The fields where AGROSOLution was applied gave a yield increase of more than 17 bu/acre above the farms average.”
SOYBEAN

ADVANTAGES

• Intensified root growth
• Better hair root development
• Stronger and more vigorous plant growth
• Increased yield
• Increased stress tolerance - dry and wet stress

FIELD RESULTS

The quoted figures represent the cumulated average results obtained from over 1000 companies.

Yield Increase +14.8 %
APPLICATION RATE

Soybeans

<table>
<thead>
<tr>
<th>1st Application</th>
<th>2nd Application</th>
<th>3rd Application</th>
<th>4th Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>acc. BBCH Scale 13 - 21 approx. 5 - 16 cm plant height 2.5 kg/ha (2.2 Lb/Acre)</td>
<td>approx. 14 days after 1st application 3 kg/ha (2.7 Lb/Acre)</td>
<td>When the vegetation allows 3 kg/ha (2.7 Lb/Acre)</td>
<td>x</td>
</tr>
</tbody>
</table>

* approx. 14 days after last application

TESTIMONIALS

From Mr. Markus Stadler, Reyersdorf (AUT)
“In a previous year, we noted that the application of AGROSOLution resulted in a yield increase of over 20% with our soybeans. Consequently, we applied AGROSOLution four times this year. That certainly paid for itself—the yield increase by the variety Cardiff was an unbelievable 22 bu/acre.”

From Mr. Josef Tatzber, Ebersdorf/Zaja (AUT)
“AGROSOLution was applied two times to a part of my soybean stock this year. In areas where AGROSOLution was used, the plants were thicker and held a significantly higher number of pods. The yield difference between the treated and untreated areas was approx. 4.5 bu/acre. As a consequence, I plan to apply AGROSOLution to other cultures in the future”.

From Mr. Josef Nagl, Königstetten (AUT)
“In-field pre-assessment of the soybean stocks, we noted that the plants were more vital and significantly taller than the untreated. As a consequence, we separated the threshing and observed a difference of 6 bu/acre.”
ADVANTAGES

- Stronger growth
- Intensive green leaf colouration
- Stronger roots growth and development
- Healthier, more vital stock
- Increased yield
- Improved quality
- Increased stress tolerance - dry and wet stress

APPLICATION RATE

Sunflower

<table>
<thead>
<tr>
<th>1st Application</th>
<th>2nd Application</th>
<th>3rd Application*</th>
<th>4th Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>acc. BBCH Scale 13 - 21 approx. 5 - 16 cm plant height 2 kg/ha (1.8 Lb/Acre)</td>
<td>approx. 14 days after 1st application 3.5 kg/ha (3.1 Lb/Acre)</td>
<td>When the vegetation allows 2 kg/ha (1.8 Lb/Acre)</td>
<td>✗</td>
</tr>
</tbody>
</table>

* approx. 14 days after last application
SCIENTIFIC DATA

The university of Natural Resources and Life Science and (BOKU) Vienna, Austria confirmed the effectiveness of AGROSOLution (eg: Sunflower)

1. WATER UTILIZATION EFFICIENCY

<table>
<thead>
<tr>
<th>% Change</th>
<th>without AGROSOLution</th>
<th>with AGROSOLution</th>
</tr>
</thead>
<tbody>
<tr>
<td>90</td>
<td></td>
<td></td>
</tr>
<tr>
<td>95</td>
<td></td>
<td></td>
</tr>
<tr>
<td>100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>105</td>
<td></td>
<td></td>
</tr>
<tr>
<td>110</td>
<td></td>
<td></td>
</tr>
<tr>
<td>115</td>
<td></td>
<td></td>
</tr>
<tr>
<td>120</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

19% BETTER WATER UTILIZATION EFFICIENCY

2. BIOMASS DEVELOPMENT

<table>
<thead>
<tr>
<th>Biomass (g)</th>
<th>without AGROSOLution</th>
<th>with AGROSOLution</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

13% MORE DRY MASS
**ADVANTAGES**

- Intensified root growth and development
- Vigorous plant growth
- Increased yield
- Rise in oil content and TGW
- Increased stress tolerance - dry and wet stress

**FIELD RESULTS**

The quoted figures represent the cumulated average results obtained from over 1000 companies.

**Yield Increase**

<table>
<thead>
<tr>
<th>Seed yield per pumpkin</th>
<th>+22.0 %</th>
</tr>
</thead>
<tbody>
<tr>
<td>(2011 Results from the BBK Graz-Land)</td>
<td></td>
</tr>
</tbody>
</table>

**TESTIMONIALS**

**From Mr Karl Handler, St. Johann/Haide (AUT)**

“During the vegetative period, there was no visual difference to be seen. All the more we were surprised to get a 12.4 % yield increase. In 2011 we plan to apply AGROSOLution to pumpkin, canola, corn and cereal crops.”

[Photo: Ms Christine Greimel ENG / Styrian Chamber of Agriculture]
APPLICATION RATE

Pumpkin

<table>
<thead>
<tr>
<th>1st Application</th>
<th>2nd Application</th>
<th>3rd Application**</th>
<th>4th Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>acc. BBCH Scale 13 - 21</td>
<td>approx. 14 days after 1st application</td>
<td>When the vegetation allows</td>
<td>x</td>
</tr>
<tr>
<td>approx. 5 - 16 cm plant height</td>
<td>3.5 kg/ha (3.1 Lb/Acre)</td>
<td>2 kg/ha (1.8 Lb/Acre)</td>
<td></td>
</tr>
<tr>
<td>2 kg/ha (1.8 Lb/Acre)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* approx. 14 days after last application

with AGROSOlution

without AGROSOlution
**GRAPE ADVANTAGES**

- Denser and healthier foliage of a more intensive green colour
- Healthier vines
- Increased yield
- Earlier sugar development
- Higher must-weight achieved through enhanced photosynthesis
- Healthier grape
- Less susceptible to frost damage

**FIELD RESULTS**

The quoted figures represent the cumulated average results obtained from over 300 vineyards.

*Increase in must weight*

- 0.7° KMW
- 3.5° Oechsle

**with AGROSOLution**

**without AGROSOLution**
TESTIMONIALS

From Mr Edmund Ruecker, Unterretzback (AUT)
“In a previous year, due to the application with AGROSOLution, I noticed increases in must-weight of up to 2° KMW. This year, even though we faced severe disease related issues, the leaves on the vines remained green and healthy. I was one of the last to harvest, but nonetheless, I picked healthy grapes till the very end. I am also amazed by the high sugar content.”

From Mr Stephan Fendel, Mittelrhein (GER)
“A healthy harvest and a must-weight increase above 5 % have convinced me of AGROSOLution’s attributes.”

From Mr Arnold Tschida, Apetlon (AUT)
“The application of AGROSOLution in my nursery paid itself off to 100 % this year. The vines showed significantly stronger shoot growth and were a lot healthier.”

From Mr Martin Weidinger, Donnerskirchen (AUT)
“Since I always experiment with new materials, I applied AGROSOLution to 10 % of my vineyard this year. The result was impressive: when comparing treated and untreated grapes of the variety Zweigelt, a clear difference of over 1° KMW was visible, as was the lack of Botrytis on the treated vines.”

APPLICATION RATE

Grape

<table>
<thead>
<tr>
<th></th>
<th>1st Application</th>
<th>2nd Application</th>
<th>3rd Application</th>
<th>4th Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial flowering</td>
<td>1.5 kg/ha (1.3 Lb/Acre)</td>
<td>shedding of blossoms 3 kg/ha (2.7 Lb/Acre)</td>
<td>approx. 14 days after last application 3 kg/ha (2.7 Lb/Acre)</td>
<td>approx. 14 days after last application 3 kg/ha (2.7 Lb/Acre)</td>
</tr>
</tbody>
</table>

>>> INFO

The total required amount of 10.5 kg (9.4 Lb) should not be undercut.
ADVANTAGES

- Intensified root growth and development
- Stronger and more vigorous plant growth
- Increased yield
- Improved quality and storage life of the produce
- Increased stress tolerance - dry and wet stress
- Healthier plant and fruit
- More consistent sorting

FIELD RESULTS

The quoted figures represent the cumulated average results obtained from over 1000 companies.

Application example CUCUMBER
Yield Increase +28.0 %

Application example CARROT
Yield Increase +12.5 %

Application example TOMATO
Yield Increase +26.0 %

Application example GARLIC (Dry goods)
Yield Increase +20.0 %
## APPLICATION RATE

### Specialty Crops

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>Crops</th>
</tr>
</thead>
<tbody>
<tr>
<td>CATEGORY 1</td>
<td>Peas</td>
</tr>
<tr>
<td>CATEGORY 2</td>
<td>Zucchini</td>
</tr>
<tr>
<td>CATEGORY 3</td>
<td>Carrots</td>
</tr>
<tr>
<td>CATEGORY 4</td>
<td>Gooseberry</td>
</tr>
<tr>
<td>CATEGORY 4</td>
<td>Salad (all types)</td>
</tr>
</tbody>
</table>

### Application / Dosage:

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>1st Application</th>
<th>2nd Application</th>
<th>3rd Application</th>
<th>4th Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>CATEGORY 1</td>
<td>2.5 kg/ha (2.2 Lb/Acre)</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>x</td>
</tr>
<tr>
<td>CATEGORY 2</td>
<td>2 kg/ha (1.8 Lb/Acre)</td>
<td>3.5 kg/ha (3.1 Lb/Acre)</td>
<td>3.5 kg/ha (3.1 Lb/Acre)</td>
<td>x</td>
</tr>
<tr>
<td>CATEGORY 3</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>x</td>
</tr>
<tr>
<td>CATEGORY 4</td>
<td>1.5 kg/ha (1.3 Lb/Acre)</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
</tr>
<tr>
<td>CATEGORY 5</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>x</td>
<td>x</td>
</tr>
</tbody>
</table>

>>> INFO

The Specialty Crops and the associated plant species are subdivided into 5 categories. Each one of these requires a different application in order to achieve optimal results.
FRUITS

ADVANTAGES

• Better sizing (eg. Apple: more fruit > 70mm)
• Stronger and more vigorous plant growth
• Increased yield
• Improved fruit quality
• Increased stress tolerance - dry and wet stress
• More intensive green leaf colouration

FIELD RESULTS

The quoted figures represent the cumulated average results obtained from over 300 companies.

Application example ELDER

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yield Increase</td>
<td>+16.5 %</td>
</tr>
<tr>
<td>Increase Brix value</td>
<td>+6.8 %</td>
</tr>
<tr>
<td>Increase in colouration</td>
<td>+13.4 %</td>
</tr>
</tbody>
</table>

Application example CHERRY

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yield Increase</td>
<td>+10.0 %</td>
</tr>
</tbody>
</table>

Application example PEAR

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yield Increase</td>
<td>+15.0 %</td>
</tr>
</tbody>
</table>

TESTIMONIALS

Research station for fruit growth and viticulture in Haidegg, Dr Thomas Rühmer (AUT)

“In the course of a year-long trial, the intensive application of AGRO-SOLUTION on the apple variety Juliet is clearly observed to result in a significant increase in yield per tree, including an improvement in fruit size and variation. Thus post AGRO-SOLUTION application, the proportion of apples with a diameter above 70 mm lies by 82 %, whereas without application, this number equals 67 %. This represents an increase of 15 % points.”
## APPLICATION RATE

### Specialty Crops

<table>
<thead>
<tr>
<th>Category</th>
<th>Specialty Crops</th>
</tr>
</thead>
<tbody>
<tr>
<td>CATEGORY 1</td>
<td>Peas</td>
</tr>
<tr>
<td>CATEGORY 2</td>
<td>Zucchini</td>
</tr>
<tr>
<td>CATEGORY 3</td>
<td>Carrots</td>
</tr>
<tr>
<td>CATEGORY 4</td>
<td>Gooseberry</td>
</tr>
<tr>
<td>CATEGORY 4</td>
<td>Salad (all types)</td>
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</tbody>
</table>

### Application / Dosage:

<table>
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<tr>
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<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>x</td>
</tr>
<tr>
<td>CATEGORY 2</td>
<td>2 kg/ha (1.8 Lb/Acre)</td>
<td>3.5 kg/ha (3.1 Lb/Acre)</td>
<td>3.5 kg/ha (3.1 Lb/Acre)</td>
<td>x</td>
</tr>
<tr>
<td>CATEGORY 3</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>x</td>
</tr>
<tr>
<td>CATEGORY 4</td>
<td>1.5 kg/ha (1.3 Lb/Acre)</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
</tr>
<tr>
<td>CATEGORY 5</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>x</td>
<td>x</td>
</tr>
</tbody>
</table>

### INFO

The Specialty Crops and the associated plant species are subdivided into 5 categories. Each one of these requires a different application in order to achieve optimal results.

*with AGROSOLution* | *without AGROSOLution*

---

Photo: AGROsolution
ADVANTAGES

- Healthier plant with stronger and vigorous growth
- Increased yield
- Increased sugar content
- Increased stress tolerance - dry and wet stress

FIELD RESULTS

The quoted figures represent the cumulated average results obtained from over 1000 companies.

Yield Increase

+11.7 %

Increased sugar content

+0.5 %

APPLICATION RATE

Beet (all types)

<table>
<thead>
<tr>
<th>Application</th>
<th>1st Application</th>
<th>2nd Application</th>
<th>3rd Application</th>
<th>4th Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>acc. BBCH Scale</td>
<td>13 - 21</td>
<td>approx. 14 days after 1st application</td>
<td>approx. 14 days after last application</td>
<td>approx. 14 days after last application</td>
</tr>
<tr>
<td>approx. 5 - 16 cm plant height</td>
<td>2 kg/ha (1.8 Lb/Acre)</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>2 kg/ha (1.8 Lb/Acre)</td>
</tr>
</tbody>
</table>

with AGROSOlution

without AGROSOlution
ADVANTAGES

- Intensified root growth and development
- Stronger and more vigorous plant growth
- Increased yield
- Increased stress tolerance - dry and wet stress

TESTIMONIALS

From Mr Markus Pfleger, St. Jakob im Walde (AUT)
“After the application of AGROSOLution onto my green cut oats, I noticed significantly finer hair roots, stronger stems and a more intensive green leaf colour.”

From Mr Johann Hofer, Wenigzell (AUT)
“I applied 2.7 lbs/acre after each cutting. After the application of AGROSOLution, the stock was significantly denser. I calculated the yield increase per cutting to be approx. 20 % and this by the same energy value.”

APPLICATION RATE

Grassland / Clover / Forage

<table>
<thead>
<tr>
<th>1st Application</th>
<th>2nd Application</th>
<th>3rd Application</th>
<th>4th Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>from vegetative development or 3 cm of new growth</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
</tr>
</tbody>
</table>

* Following the first step after 3 cm of new growth, 2 day waiting period post manure treatment
### ADVANTAGES

- Stronger growth
- Intensive fruit leaf colouration
- Stronger rootsystem
- Intensive colouration
- Healthier, more vital stock
- Increased yield
- Improved quality
- Increased stress tolerance - dry and wet stress

### TESTIMONIALS

**From Mr Christian Edlinger, Stainz (AUT)**

“I have been planting strawberries for the last 21 years and I have never had such as strong, vital and healthy growth.”

**From Mr Gerhard Jank, Gaindorf (AUT)**

“I applied AGROSOLution relatively late to my young strawberries, however still managed to have a strong and vigorous crop. In addition, already in the first year, I had significantly more crop than expected. In the future, the strawberries will principally be treated with AGROSOLution and possibly other crops as well, such as pumpkin for example.”

**From Mr Johann Rinauer, Winden / Kühbach (GER)**

“The strawberries that were treated with AGROSOLution survived the dry stress significantly better. The fruit was more consistent in size and larger, plus a good development was visible.”

### APPLICATION RATE

**Strawberry**

<table>
<thead>
<tr>
<th>Season</th>
<th>1st Application</th>
<th>2nd Application</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SPRING</strong></td>
<td>acc. BBCH Scale 13 - 15</td>
<td>approx. 14 days after 1st application</td>
</tr>
<tr>
<td></td>
<td>approx. 10 - 15 cm plant height</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
</tr>
<tr>
<td></td>
<td>2 kg/ha (1.8 Lb/Acre)</td>
<td></td>
</tr>
<tr>
<td><strong>LATE SUMMER</strong></td>
<td>acc. BBCH Scale 13 - 15</td>
<td>approx. 14 days after 1st application</td>
</tr>
<tr>
<td></td>
<td>approx. 10 - 15 cm plant height</td>
<td>3 kg/ha (2.7 Lb/Acre)</td>
</tr>
<tr>
<td></td>
<td>2 kg/ha (1.8 Lb/Acre)</td>
<td></td>
</tr>
</tbody>
</table>
SPECIALTY CROPS \textbf{ASPARAGUS}

\section*{ADVANTAGES}
- Stronger stems
- Increased yield
- More consistent sizing
- Healthier, more vital stock
- Earlier maturation
- Increased stress tolerance - dry and wet stress

\section*{FIELD RESULTS}
The quoted figures represent the cumulated average results obtained from numerous experimental farms.

\begin{center}
\begin{tabular}{|c|c|c|c|}
\hline
& 1st Application & 2nd Application & 3rd Application & 4th Application \\
\hline
Initial flowering & 1.5 kg/ha \((1.3 \text{ Lb/Acre})\) & shedding of blossoms & approx. 14 days after last application & approx. 14 days after last application \\
& & 3 kg/ha \((2.7 \text{ Lb/Acre})\) & 3 kg/ha \((2.7 \text{ Lb/Acre})\) & 3 kg/ha \((2.7 \text{ Lb/Acre})\) \\
\hline
\end{tabular}
\end{center}

\section*{TESTIMONIALS}
\textbf{From Mr Dietrich Iser, Aderklaa (AUT)}
“In a previous year, we made 3 applications of AGROSOLution to 10 rows of asparagus. This year, we noted that the treated asparagus reached maturity approx. 5 days earlier and in the first two weeks, we harvested about 20 \% more stock.”

\textbf{From Mr Robert Tomschitz, Pöttsching (AUT)}
“Due to the application of AGROSOLution, the asparagus reached maturity 5 days earlier and the yield was also increased.”

\section*{APPLICATION RATE}
\textbf{Asparagus}

\section*{>>> INFO}
The total required amount of 10.5 kg \((9.4 \text{ Lb})\) should not be undercut.